

I CLAIM:

1. A process for bendable thin wood, wherein, the thin wood being
impregnated in high pressure and vacuum conditions; both surfaces
on top and bottom of the thin wood then coated with glue, bound
5 with a sheet of color paper, overlapped with another sheet of white
paper with all the sheets of paper and the thin wood pre-impregnated
in melamine; the thin wood being dried in an oven to reduce the
fibers of the paper and get hardened again; hardened fibers giving
tensile strength and elongation; and the thin wood being bent into the
10 shape desired; is characterized by that the paper being bent together
with the thin wood, perfectly flush bound on the curvature, and the
melamine impregnated paper effectively improving the strength of
the surface of the thin wood to become fire withstanding, water proof,
and chemical resistant while providing multiple color options,
15 scratch proof appearance, color fast and paint free results.